

CLACTON URBAN DISTRICT
COUNCIL

ANNUAL REPORT

of the

Medical Officer of

Health

FOR 1937

PRINTED BY
A. QUICK AND CO., LTD.
JACKSON ROAD
CLACTON - ON - SEA

CLACTON URBAN DISTRICT COUNCIL

THE CHAIRMAN AND MEMBERS OF THE CLACTON URBAN DISTRICT COUNCIL.

Ladies and Gentlemen,

I have the honour to present my eighteenth Annual Report on the health and sanitary circumstances of the District during 1937.

The estimated mid-year population for 1937 supplied by the Registrar-General is 23,420 and this figure is used in the calculation of the various statistics.

The Crude Death-rate is 11.2 per 1,000 of the population, which on correction for age and sex distribution is reduced to 9.5. The infant Death-Rate is 38.8 per 1,000 live births which is a considerable drop on the figure for last year.

The general health of the district has been on the whole very satisfactory, infectious disease was very light and there were no circumstances specially prejudicial to health.

The chief alteration during the year was the closure of the Isolation Hospital which had been in use for thirty five years, and the arrangement with the Borough of Colchester to receive into their Isolation Hospital cases of infectious disease arising in Clacton.

One reason for the change is financial. A small hospital with most of the beds usually unoccupied cannot be run on economical lines. Taking the average number of admissions over a period of ten years, the new arrangement should result in an annual saving of £300. For the financial year ending March 31st, 1938, the actual saving is about £600, the incidence of infectious disease for the period being considerably below the average.

Port Sanitation.—The shipping during the year consisted of pleasure steamers in the summer months ; 4 being coastwise steamers and 1 sailing to the Continent. These carried 161,201 inward passengers and 162,800 outward.

There was no infectious disease and no action under the Port Sanitary Regulations was required.

The foreign going steamer was inspected once and a sample of the water examined.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (acres)	6,470
Resident Population (Registrar General's estimate), 1937	23,420
Number of Inhabited houses, end of 1937	8,849
Rateable Value	£266,493
Sum represented by a penny rate	£1,020

GENERAL STATISTICS.

Live Births :—	Total.	Male.	Female.
Legitimate	217	96	121
Illegitimate	15	8	7
Birth-Rate per 1,000 population	9.9		
Stillbirths	11	7	4
Rate per 1,000 total births	45		
Deaths.	264	122	142
Death-Rate per 1,000 population.	11.2		
Puerperal Deaths	Rate per 1,000 Births. —		
(1) Puerperal Sepsis	Nil		
(2) Other Puerperal Causes	Nil		
Total	—		
Death-Rate of Infants under one year of age :—			
All Infants per 1,000 live births	38.8		
Legitimate Infants per 1,000 legitimate live births	41.5		
Illegitimate Infants per 1,000 illegitimate live births	Nil		
Deaths from Cancer (all ages)	40		
Deaths from Measles (all ages)	Nil		
Deaths from Whooping-Cough (all ages)	1		
Deaths from Diarrhoea (under 2 years)	Nil		
Cancer Death-Rate	1.7		
Pulmonary Tuberculosis Death-Rate .. .. .	.51		
Other Tuberculosis Death-Rate .. .. .	.04		

TABLE OF THE CAUSES OF DEATH.
(Registrar-General).

								<i>Male</i>	<i>Female</i>
Whooping Cough	..	.	..	..	..	..	..	—	1
Influenza	..	..	.	..	..	..	..	4	4
Respiratory Tuberculosis	..	.	.	.	..	..	..	6	6
Other Tuberculosis	..	.	.	.	.	..	..	1	—
Syphilis	..	..	..	.	.	.	..	1	1
General Paralysis	..	.	..	..	..	..	..	2	—
Cancer	..	..	..	.	.	..	..	17	23
Cirrhosis of Liver	..	..	..	.	..	.	..	1	—
Appendicitis	..	.	..	..	..	..	..	—	3
Pneumonia	..	..	..	..	.	..	..	2	6
Bronchitis	..	..	..	..	..	.	..	1	3
Heart Disease	..	..	.	..	..	..	..	44	37
Aneurysm	..	..	..	.	..	..	..	—	1
Other Circulatory Diseases	.	.	..	..	..	..	..	12	15
Cerebral Haemorrhage	.	..	..	..	..	..	..	4	4
Diabetes	..	..	..	..	..	..	..	4	4
Digestive Diseases	..	..	..	..	..	..	..	3	5
Nephritis	..	..	..	..	..	..	..	4	4
Congenital Debility and Premature Birth	..	..	..	..	..	..	..	1	5
Senility	..	..	..	..	..	..	..	7	9
Suicide	..	..	..	..	..	..	..	1	—
Other Violence	..	..	..	..	..	..	..	1	2
Other Defined Diseases	..	..	..	..	..	..	..	6	9
								122	142

AGES AT DEATH FROM ALL CAUSES.
(Local Registrar).

Under 1 year	..	..	..	..	..	..	..	..	..	10
1 and under 2 years	..	..	..	..	..	..	..	..	..	2
2 and under 5 years	..	..	..	..	..	..	..	..	..	1
5 and under 15 years	..	..	..	..	..	..	..	..	..	1
15 and under 25 years	..	..	..	..	..	..	..	..	..	8
25 and under 45 years	..	..	..	..	..	..	..	..	..	16
45 and under 65 years	..	..	..	..	..	..	..	..	..	66
65 years and upwards	..	..	..	..	..	..	..	..	..	169
										—
Total	..	..	..	..	..	..	..	..	..	273
										—

Vital Statistics of the whole District during 1937 and previous years in
THE URBAN DISTRICT OF CLACTON.

Year.	Population estimated to Middle of each Year.	Births.			Total Deaths registered in the District.		Transferable Deaths		Net Deaths belonging to the District.			
		Uncor- rected Number	Net.		Number	Rate.	Out- ward Trans- fers.	In- ward Trans- fers.	Under 1 year of age.		At all ages	
			Number	Rate.					Number	Rate per 1,000 Births.		
												Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1927	14060	178	176	12.5	162	11.5	12	13	13	73.8	158	11.2
1928	15280	139	148	9.7	125	8.2	17	32	4	27.0	139	9.1
1929	15510	177	178	11.4	179	11.5	20	31	5	28.1	176	11.3
1930	15510	162	161	10.4	153	9.9	34	35	6	37.2	173	11.1
1931	14990	186	184	12.3	171	11.4	20	48	9	49.0	189	12.6
1932	15770	170	174	10.4	164	10.4	26	42	9	51.7	176	10.5
1933	16350	167	160	9.8	181	11.0	33	34	8	50.0	182	11.1
1934	19130	211	209	10.8	204	10.6	30	41	6	28.7	217	11.3
1935	21030	249	241	11.4	226	10.7	24	43	13	33.9	249	11.8
1936	22500	243	250	11.1	254	11.3	39	54	16	64.0	257	11.4
1937	23420	264	232	9.9	284	12.1	53	45	9	38.8	264	11.2

COMPARATIVE STATISTICS. 1937.

	Birth-Rate per 1,000 Population		Death-Rate per 1,000 Population	Deaths under 1 year per 1,000 Births
	Live Births	Still Births		
England and Wales ..	14.9	.60	12.4	58
125 Great Towns ..	14.9	.67	12.5	62
148 Small Towns ..	15.3	.64	11.9	55
London	13.3	.54	12.3	60
Clacton	9.9	.47	9.5	39

COMPARATIVE INFECTIOUS DISEASE DEATH-RATE.

		Enteric Fever	Small-pox	Measles	Scarlet Fever	Whooping Cough	Diphtheria	Influenza	Violence	Diarrhoea under 2 years
England and Wales ..	..	—	—	.02	.01	.04	.07	.45	.54	5.8
125 Great Towns ..	..	.01	—	.03	.01	.04	.08	.39	.45	7.9
148 Small Towns ..	..	—	—	.02	.01	.03	.05	.42	.42	3.2
London .. ..	..	—	—	.01	.01	.06	.05	.38	.51	12.0
Clacton .. ..	..	—	—	—	—	.04	—	.34	.17	—

INFANTILE MORTALITY.

	1 day	1 wk.	2 wks.	3 wks.	1 mon.	3 mon.	6 mon.	9 mon.	1 yr.	1-2 yrs.	2-5 yrs.
Premature Birth ..	2	1	1	—	—	—	—	—	—	—	—
Broncho-Pneumonia ..	—	—	—	—	1	1	—	1	—	1	—
Other Diseases ..	—	1	—	—	1	1	—	—	—	1	1
	2	2	1	—	2	2	—	1	—	2	1

STILLBIRTHS.

There were 11 still-births, 7 male and 4 female, giving a rate of .47 per 1,000 compared with .60 for England and Wales.

GENERAL PROVISION OF HEALTH SERVICES.

I.—PUBLIC HEALTH OFFICERS.

Medical Officer of Health :

*W. A. MILNE, M.B., Ch.B., D.P.H.

Medical Officer of Ante-Natal Clinic :

*GWYNEDD HUGH-JONES, M.B., B.S., M.M.S.A.

Obstetric Consultant :

*W. S. O'LOUGHLIN, M.D., M.C.O.G.

Orthopaedic Surgeon :

*B. WHITCHURCH HOWELL, F.R.C.S.

Dental Surgeon :

*D. LEWIS, L.D.S.

(1) Sanitary Inspectors :

†Geo. H. SMITH (Senior Inspector and Cleansing Supt.), Cert.R.San.I.,
Meat Certificate, Sanitary Science, Advanced Hygiene and Plumbing,
Diploma Institute of Public Cleansing.

†K. C. BENHAM, Cert.S.I.B., Meat Certificate.

†A. W. SHADICK, C.R.S.I.

(2) Clerk :

†E. H. NORFOLK.

(3) Health Visitor :

†MISS M. CURTIS (Trained Nurse, C.M.B.).

(4) School and Tuberculosis Nurse :

**MISS A. WALLACE (Trained Nurse, H.V's. Cert., C.M.B.).

(5) Masseuse :

**MISS M. SCOTT, C.S.M.M.G.

(6) District Nurse Midwives :

††THREE NURSES OF THE CLACTON DISTRICT NURSING ASSOCIATION.

(7) Maternity Home :

††Sister in Charge—MISS JUDGE (Trained Nurse, C.M.B.).

(8) Clerk in Maternity and Child Welfare Department :

†MISS N. BRIGGS.

*Part time Officers.

†Full time Officers of the Clacton Council.

**Officers of the Essex County Council.

††Officers of the Clacton District Nursing Association.

The Medical Officer of Health is also Medical Officer of Health of the Frinton and Walton Urban District and Assistant County Medical Officer under the Essex County Council.

Miss Briggs also acts as Ultra Violet Ray operator under a certificate from the Great Northern Hospital.

II—NURSING AND OTHER SERVICES.

There has been no change during the year under the headings of Laboratory and Ambulance Services which are adequate for the area, or in Home Nursing, Clinics and Hospitals. The Midwifery, Maternity, Infant Life Protection and Orthopaedic services also remained as in previous years. Details of the work done in these services will be found in the section of the Report which deals with Maternity and Child Welfare.

The provision of domiciliary midwifery, which previously had been assisted by the Clacton Council, became the liability of the County Council under the Midwives Act 1936. The Clacton Council therefore no longer provides a grant for domiciliary midwifery to the Clacton District Nursing Association which now receives £210 from the County Council.

There are no municipal midwives in the Urban District.

HOUSING.

I.—Inspection of Dwelling-houses during the year :—

(1) (a) Number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	653
(b) Number of inspections made for the purpose	1613
(2) (a) Number of dwelling-houses, included under (1) above, which were inspected and recorded under the Housing Consolidated Regulations 1925	111
(b) Number of inspections made for the purpose	329
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	2
(4) Number of dwelling-houses, exclusive of those under (3), found not to be in all respects reasonably fit for human habitation	205

II.—Remedy of Defects without Formal Notice :

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	81
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III.—Action under Statutory Powers :—

A.—Proceedings under Secs. 9, 10 and 16 of the Housing Act 1933 :

(1) Number of dwelling-houses in respect of which notices were served requiring repairs	Nil
(2) Number of dwelling-houses rendered fit after service of formal notices :	
(a) By owners	Nil
(b) By Local Authority in default of owners	Nil

B.—Proceedings under Public Health Acts :

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	2
(2) Number of dwelling-houses in which defects were remedied after service of formal notices :	
(a) By owners	2
(b) By Local Authority in default of owners	Nil

C.—Proceedings under Secs. 11 and 13 of the Housing Act 1936 :

(1) Number of dwelling-houses in respect of which Demolition Orders were made	8
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders	7

D.—Proceedings under Sec. 12 of the Housing Act 1936 :

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	Nil
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	Nil

IV.—Housing Act 1936—Part IV—Overcrowding :—

(a) (1) Number of dwellings overcrowded at end of year	5
(2) Number of families dwelling therein	5
(3) Number of persons dwelling therein	35½
(b) Number of new cases of overcrowding reported during the year ..	1
(c) (1) Number of cases of overcrowding relieved during the year ..	6
(2) Number of persons concerned in such cases	43½
(d) Dwelling-houses which have again become overcrowded after abatement	Nil

NEW HOUSES ERECTED DURING 1937.

(1) With State Assistance	—
(2) Without State Assistance	349
Total	349

SANITARY CIRCUMSTANCES OF THE AREA.

(1) **Water Supply.**—The total quantity of water supplied during the year was 261,586,000 gallons, an increase of 7.25 per cent. over the previous year. The water was obtained from the following sources of supply :

Tendring Hundred Waterworks Co.	173,201,000 gallons
Great Bentley Pumping Station	79,255,000 ..
St. Osyth Pumping Station	9,130,000 ..
Total	261,586,000 ..

During the year 2,027 yards of new distributing mains have been laid and 805 yards of old main renewed ; 313 new services have been connected to the mains. The water supply was maintained constantly at full pressure to every part of the district throughout the whole year and no restriction of any kind was enforced on the use of water. The supply from all sources was found on analysis to be pure and wholesome and of a very high degree of bacterial purity. The only complaint one receives is with reference to the hardness, which is in the neighbourhood of 30 degrees, of which 7 represent permanent hardness.

(2) **Drainage and Sewerage.**—I am indebted to the Surveyor for the following report as regards the drainage and sewerage of the district during 1937 :

“ During the year 1937, 300 lineal yards of foul and combined sewers and 6,100 lineal yards of surface water sewers were laid in private streets under the provisions of the Private Street Works Act 1892, the roads being Hill Road, First Avenue, Second Avenue, and, at Holland-on-Sea, York Road, The Grove, Madeira Road, Dulwich Road, Salisbury Road, Bedford Road, Preston Road, Princes Road, Kenilworth Road and Cliff Road. Tenders have been obtained which include foul and surface water sewerage roads in the eastern portion of Holland-on-Sea.

“ Private estate developers were responsible, during the same period, for laying 1,050 lineal yards of foul and combined sewers and 80 yards surface water sewer in the following roads : Manor Way, Holland Park, Clarendon Park, Deanhill Avenue, Boley Drive, Lake Avenue and Holland Beach Estate. In addition 180 yards of sewer has been laid on the West Clacton Estate.

“ Considerable progress has been made with the Cambridge Road Flood Relief Sewer and its complementary scheme, the storm overflow sewer from Holland

Road to near Seatfields with outlets to sea. It is expected that this sewer will be available by the summer of 1938 and prevent the recurrence of the floodings that have taken place in Cambridge Road and other places. Approximately 1,580 lineal yards of pipes varying from 21" to 39" diameter have been laid between Olivers Road and Valley Road, and of the 51" overflow sewer between Holland Road and the sea, 900 yards are complete. Work is proceeding on the sea outfall.

" Towards the end of 1937 the Ministry of Health held public Inquiries into three large sewerage schemes totalling over £220,000 and the Minister's decision is awaited. These schemes are (a) the provision of main drainage for the Burrs-ville, Thorpe Road and London Road areas; (b) the West Drainage Scheme to replace the present inadequate outfall sewers and sea outfall in the western part of the town and provide additional main drainage—treatment works are included in the scheme so that only a settled and screened effluent is discharged to sea and (c) the installation of settlement tanks at Holland Haven Pumping Station so that a clarified effluent is obtained there also. At the Inquiries the Inspector expressed concern at the high cost per house of providing main drainage in certain parts of the area. Uncontrolled development often makes it necessary to lay long lengths of sewers to reach the unsewered areas and the restrictions which the Council have placed upon building development in these areas are fully justified. Should the schemes be approved as submitted to the Ministry the Council will be in a position on completion of the work, to close all but a few of the cesspools in the Urban District."

(3) **Closet Accommodation, etc.—**

Number of Privies in Claeton	..	..	..	..	..	..	Nil
.. .. Pail Closets	..	..	..	..	..	..	1121
.. .. Cesspools	..	..	..	..	..	..	559
.. .. Wells	..	..	..	..	..	..	26
.. .. Houses with Cesspools and Wells	..	..	..	..	..	..	35

(4) **Conversions.—**

Number of Pail Closets converted	..	..	..	..	..	..	6
.. .. Cesspools closed	..	..	..	..	..	..	33
.. .. Connections to sewer	..	..	..	..	..	..	35

(5) **Swimming Baths.**—The open air swimming bath on the pier was in use during the summer months. One sample taken in August was found to be unsatisfactory and the bath was cleaned out.

(6) **Schools.**—The condition of the schools as regards water supply and sanitation is satisfactory.

(7) **Eradication of Bed Bugs.—**

(a) Number of Council Houses inspected	..	..	..	..	..	..	1
.. .. " " disinested	..	..	..	..	..	..	1
.. .. Other Houses inspected	..	..	..	..	..	..	27
.. .. " " disinested	..	..	..	..	..	..	23

(b) **Methods employed :**

Stripping of skirtings, etc., where necessary, spraying with insecticide, fumigation with sulphur and other special fumigators. Steam disinfection of bedding.

(c) No action has been required so far in respect of removal of tenants to Council Houses.

(d) The work has been carried out by the Local Authority.

WORK OF THE SANITARY DEPARTMENT.

The following is a synopsis of the principal work carried out by the Sanitary Department during the past year :

Sanitary Administration

Special Visits	2013
Special Visits re Nuisances	542
Ro-inspections Ordinary	631
Re-inspections Housing	329
Interviews with Owners, Builders, etc.	200
Piggeries inspected	30
Stables inspected	48
Smoke Observations	39
Tents, Vans, Sheds, etc., inspections	42
Cinemas inspected	1
Public House San. Accom. inspected	3
Preliminary Notices served	231
Statutory Notices served	5
Letters to Owners re Nuisances	110
Premises at which Nuisances abated : General	308
Premises at which Nuisances abated : Housing	81
Improvements following Preliminary Notices	384
Improvements following Statutory Notices	13
Improvements without Notices	310

The following were the principal Improvements obtained :

Firegrates repaired or provided	8
Ranges repaired or provided	6
Chimneys repaired	2
Coppers provided	1
Coppers repaired	2
Roofs repaired	25
Floors repaired	21
Sub floor ventilation provided	10
Windows made to open	2
Other repairs to windows	9
Walls repaired	29
Brickwork repointed	11
Plasterwork repaired	11
Doors repaired	3
Handrails to stairways provided	2
Eaves gutters repaired or provided	16
Downspouts repaired or provided	7
Gullies provided	14
Gullies cleared or repaired	16
Sinks provided	3

Sink wastes provided	8
Sink wastes cleared or repaired	4
Baths provided	1
New W.C.'s provided	9
W.C. cisterns provided	18
W.C. cisterns repaired	5
W.C. basins provided	2
W.C. basins cleansed	12
W.C. seats repaired or provided	5
Flush pipe joints remade	1
Other repairs to W.C's	4
Drains cleared or repaired	38
Drains laid	5
Inspection chambers provided	5
Inspection chamber covers provided	5
Interceptor chambers provided	1
Interceptors repaired	9
Stoppers fixed to cleansing eyes	10
Fresh air inlets provided	4
Repairs to fresh air inlets	10
Ventilation pipes provided	5
Repairs to ventilation pipes	4
Cesspools abolished	33
Cesspools cleansed	5
Cesspools provided	1
Cesspool cover provided	1
Cesspool overflow nuisance abated	1
Pail closets abolished	10
Premises redrained	30
Premises connected to Public Sewer	35
Houses connected to water supply	4
Wells abolished	2
Yards Paved	1
Ashbins provided	127
Accumulations rubbish removed	16
Accumulations manure removed	20
Walls cleansed	14
Walls limewashed	16
Weeds cut down on plots or gardens	5
Other improvements	23
Total Improvements	707

RATS AND MICE (DESTRUCTION) ACT.

37 visits to premises.

Upon complaint, premises are visited, baits laid and other necessary work carried out to assist in exterminating the vermin.

A certain amount of good is done, but to be effective, the work of rat destruction should not be treated with the peace-meal methods at present existing.

The menace from rats will be very serious in a few years, unless the work of destruction is organised on a more intensive scale.

County and other Councils should have squads of properly trained men engaged year in and year out on the work. A charge being made for services and material where warranted.

INFECTIOUS DISEASE.

- 16 cases of Scarlet Fever investigated.
- 14 cases of Scarlet Fever removed to Hospital.
- * 7 cases of Diphtheria investigated.
- 7 cases of Diphtheria removed to Hospital.
- 81 rooms, bedding, etc., disinfected.
- 8 library books disinfected.

Milk and Dairies Orders.

Number of Cowkeepers on Register	12
Approximate number of Cows	202
Wholesale Producers on Register	5
Retail Purveyors on Register	33
Retail Purveyors of Tuberculin Tested Milk	3
Retail Purveyors of Tuberculin Tested (Certified)	2
Retail Purveyors of Pasteurised Milk	1
Retail Purveyors of Accredited Milk	4
Visits to Dairies	134
Visits to Cowsheds	87

13 samples of Tuberculin Tested, 1 sample of Tuberculin Tested (Certified), 1 sample of Pasteurised, and 21 samples of Accredited Milk were submitted to the Bacteriologist for examination.

Of these, 4 samples of Tuberculin Tested, 1 sample of Tuberculin Tested (Certified), and 8 samples of Accredited Milk failed to comply with the prescribed conditions.

19 samples of Ordinary Milk were submitted to the Bacteriologist for examination as to general cleanliness and the presence, or otherwise, of B.Coli.

Of these, 14 samples were unsatisfactory inasmuch as they gave positive B.Coli results.

In spite of all the time, trouble and money provided, by way of bonus, to produce clean milk, it is disappointing to see the large quantities of visible dirt left on straining cloths when churns of milk at dairies are being prepared for bottling and delivery.

I feel from observation, that at many farms sufficient labour is not provided to allow of the cows being groomed and washed properly. Many producers also are reluctant to provide really suitable washable clothing for the milkers.

On the other hand some of the producers in this area are to be complimented on their enthusiasm to produce clean milk and the constant good results obtained.

Bakehouses.

Number of Workshop Bakehouses on Register	7
Number of Factory Bakehouses on Register	8
Number of Domestic Bakehouses on Register	2
<hr/>	
Total on Register	17
<hr/>	
Visits to Bakehouses	55

Factories and Workshops.

Number of Factories (excluding Bakehouses)	62
Number of Workshops (excluding Bakehouses)	82
Number of inspections at Factories	18
Number of inspections at Workshops	46

Letters to Occupiers respecting the following matters :

- 2 Limewashing
- 2 W.C. basins dirty
- 1 W.C. roof defective
- 1 No sanitary accommodation
- 1 Ventilation required
- 1 New hinges on door required
- 1 Yard untidy

- 1 Dustbin required
- 3 Metal containers for film cuttings required
- 1 Emergency Exit required
- 1 Provision of fire escape
- Notices to occupiers respecting the following matters :
- 1 No sanitary accommodation.
- Other matters brought to the notice of the occupiers :
- 5 Linewashing
- 3 W.C. basins dirty
- 1 Walls and doors dirty
- 1 No washing facilities
- 1 Accumulation of rubbish
- 2 No sanitary accommodation for females.

Water Analysis and Examination.

- Samples taken :
- 3 from Pumping Stations
- 11 from Town supply
- 8 from Wells
- 1 from Spring
- 1 from Ship.
- 2 Bathing Pool samples.
- Tested for sewage pollution :
- 2 samples from subsoil.
- 2 samples from cellars.

Offensive Trades.

Number of Fish Friers on Register	21
Number of Fish Friers' Premises	24
Number of Rag and Bone Dealers on Register	5
Inspections at Fish Friers	72
Inspections at Rag and Bone Dealers	10

Shops Act 1934.

20 Inspections have been made.

With the present staff, it is impossible to give this work the desired attention. At the premises visited, many improvements in connection with lighting, ventilation and sanitary accommodation have been obtained. (See list of improvements).

Hairdressers' and Barbers (Byelaws).

10 Visits to premises.

During inspection of these premises, it has been found that in several cases sufficient attention is not given to the cleanliness of the hair brushes, or the quality, as many old and worn out brushes were found in service.

To prevent occupiers pleading ignorance of the Byelaws and their requirements, a copy has been forwarded to all hairdressers.

Ice Cream Registration.

17 visits to premises.

A great improvement is maintained in the storage and retailing of Ice Cream.

Very few retailers make their own product as the multiple firms, in addition to supplying the ice cream in various wrapped sizes, provide well covered containers for the storage of same.

There has been no cause for complaint during the past season in respect of retailers, premises or utensils.

Smoke Abatement.

Although there are no large factories or works at Clacton, frequent nuisance is caused from the chimneys of laundries, restaurants and small bakehouses. Smoke from railway locomotives in the vicinity of the station is also a source of complaint.

Observations are taken when time permits, and all possible done to abate nuisances by the introduction of improved stoking, appliances and the use of smokeless fuel.

MEAT AND FOOD INSPECTION.
CARCASES INSPECTED AND CONDEMNED.

	Cattle (excluding) Cows).	Cows,	Calves,	Sheep and Lambs.	Pigs.
Number Killed.	145	—	48	1016	699
Number Inspected.	145	—	48	1016	699
All diseases except Tuberculosis whole car- cases condemned.	—	—	—	—	1
Carcases of which some part or organ was condemned.	20	—	—	5	30
Percentage of number inspected affected with disease other than Tuberculosis	13.8%	—	—	.49%	4.3%
Tuberculosis only, whole carcasses condemned.	1	—	—	—	3
Carcases of which some part or organ was condemned.	5	—	—	—	22
Percentage of number inspected affected with Tuberculosis.	3.45%	—	—	—	3.15%

In all, 627 visits were made to Slaughterhouses.
467 visits were made to Butchers' Shops.

Inspection of Food and Meat.

Inspected at Butchers' Shops in addition to jointed meat, sausages, cooked meats.

31 carcasses of beef and offal.

309 carcasses of pork and offal.

81 carcasses of mutton and offal.

7 carcasses of veal and offal.

Condemned as being unfit for food :

10lbs. Suet.

6lbs. Kippers.

1 box Kippers.

1 Rabbit.

Shell Fish.

- (1) Shell fish sold in the district : Oysters, whelks, cockles, periwinkles, mussels.
- (2) Layings from which they come: Brightlingsea, Southend, Harwich, Cromer, Whitstable, Boston, Grimsby, Wells-on-Sea, Kings Lynn, Colchester, London.
- (3) There are no beds or layings in the district.

GLACTON URBAN DISTRICT COUNCIL.

CLEANSING SERVICE.

House and Trade Refuse Costs, etc.

Table showing costs for year ended 31st March, 1938.

Item	Particulars.	Collection.			Disposal.			Total.		
		Including Depn. and Loan Charges	Excluding Depn. and Loan Charges	Including Depn. and Loan Charges	Excluding Depn. and Loan Charges	Including Depn. and Loan Charges	Excluding Depn. and Loan Charges	Including Depn. and Loan Charges	Excluding Depn. and Loan Charges	
		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	
REVENUE ACCOUNT.										
A.	Gross Expenditure ..	2446 0 0	2315 0 0	1324 0 0	983 0 0	3770 0 0	3298 0 0			
B.	Gross Income. ..	337 0 0	337 0 0	368 0 0	368 0 0	705 0 0	705 0 0			
C.	Nett Cost. ..	2109 0 0	1978 0 0	956 0 0	615 0 0	3065 0 0	2593 0 0			
UNIT COSTS.										
D.	Gross Expenditure per ton ..	7.10	7.5	4.2	3.1			12.0	10.6	
E.	Gross Income per ton ..	1.1	1.1	1.2	1.2			2.3	2.3	
F.	Nett Cost per ton ..	6.9	6.4	3.0	1.11			9.9	8.3	
G.	Do. per 1,000 population ..	84 7 2	79 2 5	38 4 10	24 12 0	122 12 0	103 14 5			
H.	Do. Do. Houses ..	238 8 0	223 10 0	108 0 0	69 10 0	346 8 0	293 0 0			
RATE POUNDAGE.										
J.	Nett Cost: equivalent rate in the £	2.06d.	1.94d.	.94d.	.61d.			3d.	2.54d.	
H.	Percentage of J. to total rates in the £ ..	1.47%	1.4%	.67%	.44%			2.14%	1.82%	

HOUSE AND TRADE REFUSE—*Continued.*

1.	Total collected in tons	..	..	..	..	..	6,269 tons
2.	Population (Basis for this record)	..	..	..	..	..	25,000
3.	Area	..	..	..	..	..	6807 acres
4.	Weight per 1,000 population per day in cwts.	..	..	..	..	..	13.74 cwt.
5.	Number of Houses or premises	..	..	..	..	..	8,850
6.	Rateable Value	..	..	..	..	..	£267,108
7.	Product of a penny rate	..	..	..	..	..	£1,020
8.	Total rates in the £	..	..	..	..	..	11/8
9.	Weight of refuse per premises per day	..	..	..	..	..	4.35lbs.
10.	Weight of refuse per premises per annum	..	..	..	..	..	14.17 cwt.
11.	Weight of refuse per person per annum	..	..	..	..	..	5.02 cwt.
12.	Nett cost of collection per house per annum	..	..	..	..	..	4/9
13.	Nett cost of collection per person per annum	..	..	..	..	..	1/9
14.	Nett cost of collection and disposal per house per annum	..	..	..	..	..	6/11
15.	Nett cost of collection and disposal per person per annum	..	..	..	..	..	2/6
16.	Horse Vehicles	..	..	..	..	..	398 tons
17.	Mechanical Vehicles	..	..	..	..	..	5,871 tons
18.	Number of Vehicles :						
	5 Mechanical. Per cent. refuse collected	..	..	..	..	..	93.7%
	1 Horse Regular. Per cent. refuse collected	..	..	..	..	..	6.3%
	1 Horse during season.						
19.	Number of loads weighed	..	..	..	..	..	411
20.	Refuse incinerated in tons 4,607 (Per cent.)	..	..	..	..	..	73.5%
	Refuse tipped in tons 1,662 (Per cent.)	..	..	..	..	..	26.5%

CLACTON URBAN DISTRICT COUNCIL.

CLEANSING SERVICE.

Street Cleansing.

Table showing Costs for the Year ended 31st March, 1938.

Item	Particulars.	III—Street Cleansing.							
		Street Sweeping and Watering.		Gully Cleansing.		Snow Removal.			
		Including Depen. and Loan Charges	Excluding Depen. and Loan Charges	Including Depen. and Loan Charges	Excluding Depen. and Loan Charges	Including Depen. and Loan Charges	Excluding Depen. and Loan Charges	Including Depen. and Loan Charges	Excluding Depen. and Loan Charges
		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
A.	REVENUE ACCOUNT.								
B.	Gross Expenditure	1630 0 0	1630 0 0	105 0 0	105 0 0	9 0 0	9 0 0	9 0 0	9 0 0
	Gross Income	10 0 0	10 0 0	—	—	—	—	—	—
C.	Nett Cost.	1620 0 0	1620 0 0	105 0 0	105 0 0	9 0 0	9 0 0	9 0 0	9 0 0
D.	UNIT COSTS.								
	Nett Cost per 10,000 square yards cleansed	—	—	—	—	—	—	—	—
E.	Nett Cost per 1,000 gullies cleansed	—	—	30 0 0	30 0 0	—	—	—	—
F.	Nett Cost per 1,000 population	65 0 0	65 0 0	4 4 0	4 4 0	—	—	—	—
G.	RATE POUNDAGE.								
	Nett Cost: equivalent rate in the £	1.6d.	—	1d.	—	—	—	—	—

Total number of Gullies cleansed : 3,310.

STREET CLEANSING—*Continued.*

3.	Total mileage of streets cleansed	..	..	..	..	..	..	42
4.	Approx. mileage cleansed daily	..	..	..	..	..	..	5½
5.	„ „ „ three times weekly	..	..	..	..	..	..	7
6.	„ „ „ twice weekly	..	..	..	..	..	..	4
7.	„ „ „ once weekly	..	..	..	..	..	..	16½
8.	„ „ „ less than once weekly	..	..	..	..	..	..	9
9.	Average length of haul to point of disposal	..	..	..	..	..	..	1¼ miles

NOTE.—£500 is received from the Essex C.C. for scavenging and gulley emptying the main County Roads.

FACTORIES, WORKSHOPS AND WORKPLACES.

1.—INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES. Including inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises. (1)	Number of		
	Inspections. (2)	Written Notices. (3)	Occupiers prosecuted. (4)
Factories (Including Factory Laundries)	18	Nil	Nil
Workshops (Including Workshop Laundries)	46	1	Nil
Workplaces (Other than Outworkers' premises)	Nil	Nil	Nil
Total	64	1	Nil

2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

Particulars. (1)	Number of Defects.			Number of offences in respect of which Prosec- utions were instituted. (5)
	Found. (2)	Remedied. (3)	Referred to H.M. Inspector. (4)	
<i>Nuisances under the Public Health Acts :—*</i>				
Want of Cleanliness ..	15	15	—	—
Want of Ventilation ..	1	—	—	—
Overcrowding ..	—	—	—	—
Want of drainage of floors	—	—	—	—
Other nuisances	7	5	Nil	Nil
Sanitary accommodation :				
Insufficient	2	—	—	—
Unsuitable or defective	1	1	—	—
Not separate for sexes	2	—	—	—
<i>Offences under the Factory and Workshop Acts :—</i>				
Illegal occupation of under- ground bakehouse (s.101)	—	—	—	—
Other offences	—	—	—	—
(Excluding offences relating to outwork and offences under the Sections men- tioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921).	—	—	—	—
Total	28	21	—	—

*Including those specified in sections 2, 3, 7 and 8 of the Factory and Workshop Act, 1901, as remediable under the Public Health Acts.

INFECTIOUS DISEASE, 1937.

Disease.	Total Notified.	Admitted to Hospital.	Total Deaths.
Small-pox	—	—	—
Scarlet Fever	16	14	—
Diphtheria	7	7	—
Enteric Fever	—	—	—
Puerperal Fever.. ..	—	—	—
Puerperal Pyrexia	2	—	—
Pneumonia	2	—	8
Erysipelas	2	1	—
Chicken-pox	26	—	—

NOTIFICATIONS DURING 1937.

	Scarlet Fever.	Diphtheria.	Enteric Fever.	Pneumonia.	Chicken-pox.	Erysipelas.	Puerperal Fever and Pyrexia.
1st Quarter	6	1	—	2	—	1	—
2nd Quarter	3	—	—	—	1	1	2
3rd Quarter	6	3	—	—	2	—	—
4th Quarter	1	3	—	—	23	—	—
Totals	16	7	—	2	26	2	2

ANALYSIS OF INFECTIOUS DISEASES, 1937—Ages at Notification.

	Under 1 Year.	1—2	2—3	3—4	4—5	5—10	10—15	15—20	20—35	35—45	45—65	65 and Over
Scarlet Fever * ..	—	—	—	1	2	9	3	—	1	—	—	—
Diphtheria ..	—	—	—	—	1	1	3	—	2	—	—	—
Erysipelas ..	—	—	—	—	—	—	—	—	—	1	—	1
Chicken-pox ..	—	—	—	—	3	20	2	1	—	—	—	—
Totals ..	—	—	—	1	6	30	8	1	3	1	—	1

ISOLATION HOSPITAL, 1937.

	Admitted	Result.			Scarlet Fever	Diph- theria	Tonsi- litis
		Died	Cured	Remaining in Hospital			
1st Quarter	7	—	7	—	5	1	1
2nd Quarter	2	—	2	—	2	—	—
3rd Quarter	9	—	9	—	6	3	—
4th Quarter	4	—	1	3	1	3	—
Totals	22	—	19	3	14	7	1

Total number of bed days	..	..	..	..	..	..	900
Average stay in Hospital for all diseases	..	..	..	..	..	..	43
Average stay in Hospital for Scarlet Fever	..	..	..	..	..	..	40.7
Average stay in Hospital for Diphtheria	..	..	..	..	..	..	47

TUBERCULOSIS.—NEW CASES AND MORTALITY DURING 1937.

Age Periods.	New Cases.				Deaths.			
	Respiratory		Non- Respiratory		Respiratory		Non- Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—
5	—	—	1	1	—	—	—	—
15	2	3	—	2	—	2	—	—
25	4	1	—	1	3	2	—	—
35	2	1	—	—	—	1	—	—
45	—	1	1	—	—	1	—	—
55	2	—	—	—	1	—	1	—
65 and upwards ..	1	—	—	—	2	—	—	—
Totals ..	11	6	2	4	6	6	1	—

TUBERCULOSIS.

The total number of cases of Tuberculosis of all forms on the register at the end of 1937 was :—

A.—Pulmonary Tuberculosis :

(1) Male	25
(2) Female	20

B.—Non-Pulmonary Tuberculosis :

(1) Male	3
(2) Female	8

Total	56
---------------	----

During the year 23 new cases were placed on the register of which 8 were transfers from other districts. Of these 23 cases, 4 left the district and 3 died during the year. Six cases had treatment in Sanatorium and three are awaiting admission. No action was required under the Tuberculosis Regulations 1925 or under Sec. 62 of the Public Health Act 1925.

INFECTIOUS DISEASE.

The incidence of Infectious Disease during the year was very low. Scarlet Fever was responsible for only 16 cases as against 38 in 1936, and 7 cases of Diphtheria as against 8 in the previous year. No case of Enteric Fever was notified. Other notifications included 2 each of Erysipelas, Pneumonia and Puerperal Pyrexia and 26 of Chicken-pox.

All the cases of Diphtheria were sent to Hospital and 14 of the Scarlet Fever. As frequently happens, visitors are responsible for a considerable proportion of the cases, this year 7 Scarlet Fever and 3 of the Diphtheris cases were visitors to the district.

The Clacton Isolation Hospital was closed on March 31st and cases arising after that date were sent to the Colchester Isolation Hospital.

The arrangement with the Counties Public Health Laboratories for the examination of pathological specimens remained in force during the year and below is a list of specimens sent from Clacton :

	Positive	Negative.
(a) TUBERCULOSIS (SPUTUM) :		
Sent by General Practitioners	—	12
Sent by Public Health Department	11	5
(b) DIPHTHERIA SWABS :		
Sent by General Practitioners	3	18
Sent by Public Health Department	4	16
(c) MISCELLANEOUS :		
Milk, etc.	60	—

PREVENTION OF BLINDNESS.

Cases arising under this heading are referred to the County oculist who attends at the Welfare Centre for this purpose.

MATERNITY AND CHILD WELFARE.

INSPECTION OF MIDWIVES.—There are 10 midwives on the register, of whom 4 are employed by the District Nursing Association. The Local Supervising Authority under the Midwives' Act is the County Council.

NOTIFICATION OF BIRTHS.—The total number of births notified under the Notification of Births' Act during 1937 was 267, viz : 127 males, 140 females.

Notification was distributed as follows :

By Medical Practitioners	147
By Midwives	120

STILLBIRTHS.—10 stillbirths were notified during the year, 8 by Medical Practitioners and 2 by a midwife.

<i>No. of</i>		<i>Causes given.</i>					<i>Full Term. Premature.</i>	
<i>Pregnancy.</i>								
3	1st	Difficult Labour	..	..	..	..	3	—
1	2nd	Not known	..	..	..	..	1	—
1	3rd	Not known	..	..	..	..	1	—
1	5th	Not known	..	..	..	..	1	—
1	1st	Not known	..	..	..	..	—	1
1	5th	Not known	..	..	..	..	—	1
1	1st	Toxaemia	..	..	..	..	—	1
1	1st	Congenital Debility and premature birth	..	..	..	..	—	1

The following table gives a summary of the work undertaken during 1937 by the District Nursing Association's Midwives :

WARD CASES :							
Midwifery	..	..	..	..	..	..	25
Maternity	..	..	..	..	..	..	9
DISTRICT CASES :							
Midwifery	..	..	..	..	..	..	71
Maternity	..	..	..	..	..	..	37
Total ..							142

Number of Ante-Natal Visits	..	..	..	..	219
Attendances at Ante-Natal Clinics	..	..	..	..	402
Attendances at Ante-Natal Classes	..	..	..	..	358

The District Nursing Association's Midwives attended 53 per cent. of the total cases of the year.

Maternity is divided up among the following :

Attended in Nursing Homes	..	..	..	..	121
Attended by Certified Nurses at home	..	..	..	..	144
Attended by Uncertified Nurses at home	..	..	..	..	2
					267
Total ..					—

ANALYSIS OF MIDWIFERY AND MATERNITY.

	<i>Midwifery. Maternity.</i>				
1.—DOMICILIARY:					
(a) District Nursing Association	71	37
(b) Independent District Midwives	11	16
(c) Private Trained Nurses	—	9
(d) Untrained Women	—	2
2.—MATERNITY HOMES AND HOSPITALS:					
(a) Nursing Association's Home	25	9
(b) Ellisdene Nursing Home	—	56
(c) Harland House Nursing Home	1	8
(d) Waltham Nursing Home	8	6
(e) Belle View Nursing Home	—	1
(f) Hospitals	—	7
Total				116	151

From this table it will be seen that in 99 per cent. of the cases a trained nurse was employed.

HEALTH VISITING.—The following is an abstract of the visits paid to the homes by the Health Visitor during the year 1937 :

To Expectant Mothers :	First Visits	70	Total Visits	157
To Infants under 1 year :	First Visits	223	Total Visits	1,413
To Children 1-5 years :	Total Visits	2,417		

SICKNESS.—The following is a list of the cases of sickness visited :

				<i>Under</i>	<i>1—5</i>	
				<i>1 Year.</i>	<i>Years.</i>	<i>Total.</i>
Chest Complaints	..	..	..	21	19	40
Diarrhoea	..	..	..	19	18	37
Chicken-pox	..	..	..	2	8	10
Measles	..	..	..	—	11	11
Whooping Cough	..	..	..	7	27	34
Tonsillitis	..	..	..	—	3	3
Tonsils and Adenoids	..	..	..	—	20	20
Abscess	..	..	..	—	1	1
Asthma	..	..	..	—	1	1
Colitis	..	..	..	—	1	1
Enlarged glands	..	..	..	—	10	10
Skin Complaints	..	..	..	13	21	34
Mumps	..	..	..	—	1	1
Pemphigus	..	..	..	3	—	3
Otitis, Mastoid	..	..	..	3	5	8
Burns and Scalds	..	..	..	3	3	6
Accidents	..	..	..	—	3	3
Conjunctivitis	..	..	..	10	4	14
Blepharitis	..	..	..	—	1	1
Operations	..	..	..	8	16	24
Refractions	..	..	..	—	10	10
Rickets	..	..	..	8	26	34
Flat Foot	..	..	..	—	5	5
Meningitis	..	..	..	—	2	2
Fits	..	..	..	3	6	9
Naevi	..	..	..	3	1	4

Altogether the Health Visitor paid 4,505 visits during 1937.

INFANT LIFE PROTECTION VISITING.

		<i>Private</i>	<i>Holiday</i>	<i>Children</i>	
		<i>Homes.</i>	<i>Homes.</i>	<i>Resident.</i>	<i>Holiday.</i>
On Register beginning of year	..	5	1	8	—
Admitted to Register during the year		9	1	14	33
Total ..		14	2	22	33
On Register end of year	..	12	1	6	6
Taken off : Living with parents	..	—	—	13	—
„ Adopted	..	—	—	1	—
„ Returned to Institutions	..	—	—	2	—
„ Holiday Children	..	—	—	—	27
„ Left	..	1	1	—	—
„ Home given up	..	1	—	—	—
		14	2	22	33

1 Summer Holiday Home. 151 children.

1 Boarding School visited and found satisfactory.

Number of Visits paid by Infant Life Protection Visitor during the year :
Total 297.

ORTHOPAEDIC WORK.

On Register beginning of year	60
Admitted to Register during the year	32
Total	92

DEFORMITIES :	<i>Mothers.</i>	<i>Under 1 Year.</i>	<i>1—5 Years.</i>	<i>Total.</i>
Club Foot	—	1	1	2
Knock Kneeo	—	—	41	41
Rickets	—	8	26	34
Flat Foot	—	—	5	5
Deformed Toes, Fingers and Thumbs 2	1	—	—	3
Wry Neck	—	—	2	2
Spinal Curvature	—	—	1	1
Paralysis	—	—	1	1
Undiagnosed	—	—	3	3
	2	10	80	92

TREATMENT :

Hospital Treatment	—
Exercise, Manipulations, etc.	8
Supplied with Surgical Appliances	2
Supplied with Boots and Wedges	41

SUMMARY OF CASES :

Still under treatment or observation	63
Transferred to School Clinic, 5 years	9
Discharged, Cured	4
Discharged—refused treatment	4
Discharged—Stationary	4
Transferred to other Districts	4
Left	3
Died	1
	92

ULTRA-VIOLET RAY WORK :

Cases recommended for treatment :

Baby	1
Toddlers	46
School Children	45
Adults	1
	93

Diseases and Ailments treated :

	<i>Mothers.</i>	<i>Welfare Babies.</i>	<i>Children, Toddlers.</i>	<i>School Children.</i>	<i>Total</i>
Asthma	—	—	1	—	1
Anaemia	—	—	6	4	10
Chillblains	—	—	6	1	7
Debility, various causes	—	1	22	28	51
Glands	—	—	—	4	4
Rickets	—	—	9	—	9
Nerves	—	—	—	1	1
Nephritis	—	—	—	1	1
Chorea	—	—	—	1	1
Bronchitis	—	—	—	2	2
Enuresis	—	—	1	—	1
Rheumatism	—	—	1	1	2
Tonsils and Adenoids	—	—	—	1	1
Warts	—	—	—	1	1
Alopecia	—	—	—	1	1
	—	1	46	46	93

SUMMARY OF CASES :

Left District	1
Treatment stopped	19
Improved	30
Much Improved	10
Cured	10
Still on Register	23
	—
	93
	—

DENTAL WORK :

	<i>Number Treated.</i>	<i>Completed</i>	<i>Uncom- pleted.</i>	<i>Ceased attending Uncom- pleted.</i>	<i>Examined</i>
Expectant Mothers	23	7	5	11	—
Mothers	32	21	3	8	—
Toddlers	18	9	2	—	7
Babies	1	—	—	—	1
	74	37	10	19	8

PROVISION OF MILK :

The total amount of fresh milk supplied free, or at less than cost during 1937 was 4,850 pints and Dried Milk 117lbs. at a total cost of about £85. The numbers who received milk were :

Expectant Mothers	11
Nursing Mothers	18
Children under 1 year	22
Children 1-2 years	7
Children 2-5 years	5
	—
	63

ANTE-NATAL WORK :

Expectant Mothers :

On Register at beginning of year	41
Admitted to Register during year	179
Total	220

ANALYSIS OF ANTE-NATAL CASES :

Full Term, Live Births	150
Full Term, Still Births	3
Premature Live Births	3
Premature Still Births	2
Miscarriage	—
Spurious	4
Left the District	5
Transferred to Hospital	3
On Register at end of year	50
Total	220

ANALYSIS OF DEFECTS FOUND AT ANTE-NATAL CLINICS :

Abnormal pelvic measurements	1
Albuminuria and High Blood Pressure	3
Varicose Veins and Haemorrhoids	31
Discharges	9
Constipation	15
Dental Caries	53
Heart and Lung Conditions	2

POST-NATAL WORK :

Admitted to Register during year	9
Post-Natal Attendances	9

CLINICS AND CLASSES HELD AT THE WELFARE CENTRE :

Ante-Natal Clinics	23
Ante-Natal Classes	26
Infant Clinics	48
Infant Weighings	48
Dental Clinics	16
Orthopaedic Clinics	3
Orthopaedic Classes	53
Eye Clinics	4
Sewing Classes	33
Ultra-Violet Ray Clinics	72
Total	326

ANALYSIS OF INFANT WELFARE CLINIC :

Infants under 1 year—Summary :

On Register beginning of year 127
Admitted to Register during
year 190

Total 317

Left the District 6
Died 3
Transferred other District .. 8
Crossed off. Not attending .. 3
Reached 1st birthday 146
On Register at end of year .. 151

Total 317

Infants 1-2 years—Summary :

On Register beginning of year 118
Admitted to Register during
the year 17
Transferred from under 1 year 146

Total 281

Left the District 15
Died 3
Transferred other District .. 7
Not attending 18
Reached 2nd Birthday 129
On Register end of year 109

Total 281

Children 2-5 years—Summary :

On Register beginning of year 190
Admitted to Register during
the year 69
Transferred from 1-2 years 129

Total 388

Left the District 31
Died 1
Transferred other Districts .. 11
Not attending 50
Reached School Age 64
On Register end of Year 231

Total 388

ATTENDANCES TOTAL :

Ante-Natal Clinics	402
Ante-Natal Classes	358
Infant Clinics	3021
Infant Weighings	2411
Dental Clinics	132
Orthopaedic Classes	266
Orthopaedic Clinics	55
Eye Clinics	10
Sewing Classes	484
Consultation—Morning Hour	1075
Ultra-Violet Ray Clinics	1584

Total 9798

Expectant Mothers	768
Mothers	837
Babies	3171
Children	3325
Odd Callers	792
Visitors	10
School Children	895

Total 9798

	1933	1934	1935	1936	1937
Expectant Mothers	711	910	809	706	768
Mothers	567	739	762	808	837
Babies	2376	2711	3120	2763	3171
Children	1813	1976	3329	3363	3325
Odd Callers	294	667	811	649	792
School Children	—	—	575	1115	895
Visitors	6	7	10	20	10
	5767	7010	9416	9425	9798

FOOD, ETC., SOLD AT COST PRICE DURING 1937 :

Dried Milk	2059 lbs.
Oil and Malt	196 lbs.
Parrish's Food	12 qt. Winchesters
Cod Liver Oil Emulsion	21 qt. Winchesters
Virol	278 lbs.
Maltolino	25 tins .
Lactogol	88 large
Lactagol	30 small
Colaet	27 lbs.
Groats	32 large
Groats	37 small
Feeding Bottles	20
Maternity Outfits	92

I am,

Your obedient Servant,

W. A. MILNE,

Medical Officer of Health.

